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POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM

Application Number	10/082,476
Filing Date	February 20, 2002
First Named Inventor	Gregory D. May
Title	Cell-Free Assay for Plant Gene ...
Art Unit	1637
Examiner Name	Fredman, Jeffrey Norman
Attorney Docket Number	NaPro - 3

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

 Practitioners associated with the Customer Number: 

OR

 Practitioner(s) named below:

Name	Registration Number
Basil S. Krikelis	41,129
Ralph W. Selitto, Jr.	26,996
Michael R. Frisca	33,884
John K. Kim	37,002

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

 The address associated with the above-mentioned Customer Number: 

OR

 The address associated with Customer Number: 

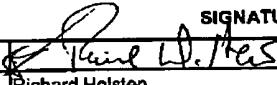
OR

<input checked="" type="checkbox"/> Firm or Individual Name	McCarter & English, LLP		
Address	Citizens Bank Center 919 N. Market Street, Suite 1800		
City	Wilmington	State	Delaware
Country	U.S.A.		
Telephone	(302) 984-6393	Fax	(302) 984-6399

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

## SIGNATURE of Applicant or Assignee of Record

Signature		Date	7/12/05
Name	Richard Holsten	Telephone	302-831-2383
Title and Company	Associate Provost for Research, University of Delaware		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

 \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/96 (09-04)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Gregory D. MayApplication No./Patent No.: 10/082,476Filed/Issue Date: February 20, 2002

Entitled:

University of Delaware, a corporation  
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title and interest.  
 The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 014341, Frame 0190, or for which a copy thereof is attached.

OR  
 B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

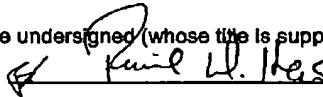
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 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
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 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
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 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

 \_\_\_\_\_

Signature

7/12/05

Date

Richard Holsten302-831-2383

Printed or Typed Name

Telephone Number

Associate Provost for Research

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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014341/0190 PAGE 2

THERESA FREDERICK, EXAMINER  
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FORM PTO-1594  
(Rev. 10/02)  
OMB No. 0651-0027 (exp. 6/30/2005)

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Patent and Trademark Office

NaPro-3 CON

To the Honorable Commission of Patents &amp;

102517138

original documents or copy thereof.

## 1. Name of conveying party(ies):

Gregory D. May  
Eric B. Kmiec  
Michael C. Rice

8403

## 2. Name and address of receiving party(ies)

Name: UNIVERSITY OF DELAWARE

Internal Address: \_\_\_\_\_

Street Address: 210 Hullihen HallCity: Newark State: DE ZIP: 19716Additional name(s) of conveying party(ies) attached?  Yes  No

## 3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  NoExecution Date: 06/15/2001; 06/28/2001; 06/28/2001

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

10/082,476 filed February 20, 2002

## B. Patent No.(s)

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Daniel M. Becker

Internal Address: \_\_\_\_\_

Street Address: Fish & Neave1251 Avenue of the AmericasCity: New York State: NY ZIP: 10020

## 6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$ 40.00 Enclosed Additional fees are authorized to be charged to deposit account

## 8. Deposit account number:

06-1075

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## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Daniel M. Becker  
Name of Person Signing

Reg. No. 38,376

Signature

30 JULY 2005

Date

Total number of pages including cover sheet, attachments, and document:

15

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Napro-3 PCT

PCT  
ASSIGNMENT

I/We,

(1) Gregory D. May,  
(2) Eric B. Kmiec, and  
(3) Michael C. Rice,

residing, respectively, at

(1) 312 F Street S.W., Ardmore, OK 73401,

(2) 18 Crossan Court, Landenberg, PA 19350,

(3) 802 Washington Crossing Road, Newtown, PA 18940,

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to, and do hereby assign, sell and transfer to University of Delaware a corporation organized and existing under the laws of the State of Delaware and having an office and a place of business at 210 Hullihen Hall, Newark, Delaware 19716, its successors and assigns: (1) the entire right, title and interest in all countries throughout the world in and to any and all my/our inventions and discoveries disclosed in my/our International Patent Application entitled: CELL-FREE ASSAY FOR PLANT GENE TARGETING AND CONVERSION, filed under the Patent Cooperation Treaty in the United States Receiving Office (RO/US) on August 21, 2000, under Serial No. PCT/US00/22974, and designating Albania (AL), Algeria (DZ), Antigua & Barbuda (AG), Armenia (AM), Australia (AU), Austria (AT), Azerbaijan (AZ), Barbados (BB), Belarus (BY), Belgium (BE), Belize (BZ), Benin (BJ), Bosnia and Herzegovina (BA), Brazil (BR), Bulgaria (BG),

page 1 of 7

Burkina Faso (BF), Cameroon (CM), Canada (CA), Central African Republic (CF), Chad (TD), China (CN), Congo (CG), Costa Rica (CR), Côte d'Ivoire (CI), Croatia (HR), Cuba (CU), Cyprus (CY), Czech Republic (CZ), Democratic People's Republic of Korea (KP), Denmark (DK), Dominica (DM), Estonia (EE), Finland (FI), France (FR), Gabon (GA), Gambia (GM), Georgia (GE), Germany (DE), Ghana (GH), Greece (GR), Grenada (GD), Guinea (GN), Guinea Bissau (GW), Hungary (HU), Iceland (IS), India (IN), Indonesia (ID), Ireland (IE), Israel (IL), Italy (IT), Japan (JP), Kazakstan (KZ), Kenya (KE), Kyrgyzstan (KG), Latvia (LV), Lesotho (LS), Liberia (LR), Liechtenstein (LI), Lithuania (LT), Luxembourg (LU), Madagascar (MG), former Yugoslav Republic of Macedonia (MK), Malawi (MW), Mali (ML), Mauritania (MR), Mexico (MX), Monaco (MC), Mongolia (MN), Morocco (MA), Mozambique (MZ), Netherlands (NL), New Zealand (NZ), Niger (NE), Norway (NO), Poland (PL), Portugal (PT), Republic of Korea (KR), Republic of Moldova (MD), Romania (RO), Russian Federation (RU), Saint Lucia (LC), Senegal (SN), Sierra Leone (SL), Singapore (SG), Slovakia (SK), Slovenia (SI), South Africa (ZA), Spain (ES), Sri Lanka (LK), Sudan (SD), Swaziland (SZ), Sweden (SE), Switzerland (CH), Tajikistan (TJ), Tanzania (TZ), Togo (TG), Trinidad and Tobago (TT), Turkey (TR), Turkmenistan (TM), Uganda (UG), Ukraine (UA), United Arab Emirates (AE), United Kingdom (GB), United States of America (US), Uzbekistan (UZ), Viet Nam (VN), Yugoslavia (YU), and Zimbabwe (ZW), including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of University of Delaware, its designee, or in my/our names at \_\_\_\_\_, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue on the aforesaid

inventions, discoveries and applications in any country of the world and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the following priority application(s):

<u>application no.</u>	<u>country</u>	<u>August 20, 1999</u> <u>filing date</u>
<u>60/149,987</u>	<u>United States</u>	
<u>application no.</u>	<u>country</u>	<u>filing date</u>

and all rights of priority in any country of the world deriving from the above-identified International Patent Application.

I/We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in any country throughout the world to University of Delaware as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

I/We agree, at any time, upon the request of University of Delaware to execute and to deliver to University of Delaware any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, revivals, reissues, renewals and extensions thereof.

I/We further agree, at any time, upon request of University of Delaware to execute and to deliver to University of Delaware such additional documents, if any,

as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect any and all rights of University of Delaware under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

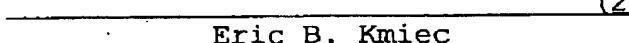
It is my/our intention that this Assignment be effective and all rights transferred herein shall be considered to have vested in University of Delaware on August 21, 2000, the filing date of International Patent Application No. WO 01/14531 A1.

page 4 of 7

## ASSIGNORS:

  
\_\_\_\_\_  
Gregory D. May

(1)

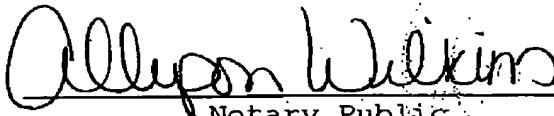
  
\_\_\_\_\_  
Eric B. Kmiec

(2)

  
\_\_\_\_\_  
Michael C. Rice

(3)

On this 15<sup>th</sup> day of June, 2001,  
Gregory D. May (1) personally appeared before me, a Notary  
Public in and for \_\_\_\_\_, and executed the foregoing Assignment and duly  
acknowledged to me that such Assignment was executed for the  
uses and purposes therein expressed.

  
\_\_\_\_\_  
Allison Wilkins

Notary Public

MY COMMISSION EXPIRES 07-12-2002

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001,  
Eric B. Kmiec (2) personally appeared before me, a Notary  
Public in and for \_\_\_\_\_, and executed the foregoing Assignment and duly  
acknowledged to me that such Assignment was executed for the  
uses and purposes therein expressed.

\_\_\_\_\_  
Notary Publicpage 5 of 7

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001,  
Michael C. Rice (3) personally appeared before me, a Notary  
Public in and for \_\_\_\_\_, and executed the foregoing Assignment and duly  
acknowledged to me that such Assignment was executed for the  
uses and purposes therein expressed.

---

Notary Public

page 6 of 7

## ACKNOWLEDGEMENT OF ASSIGNEE:

University of Delaware

By: \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001,  
T.W. Fraser Russell personally appeared before me, a Notary  
Public in and for the \_\_\_\_\_, and duly  
acknowledged the executed Assignment on behalf of the  
Assignee.

---

Notary Publicpage 7 of 7

Napro-3 PCTPCT  
ASSIGNMENT

I/We,

(1) Gregory D. May,  
(2) Eric B. Kmiec, and  
(3) Michael C. Rice,

residing, respectively, at

(1) 312 F Street S.W., Ardmore, OK 73401,  
(2) 18 Crossan Court, Landenberg, PA 19350, and  
(3) 802 Washington Crossing Road, Newtown, PA 18940,

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to, and do hereby assign, sell and transfer to University of Delaware a corporation organized and existing under the laws of the State of Delaware and having an office and a place of business at 210 Hullihen Hall, Newark, Delaware 19716, its successors and assigns: (1) the entire right, title and interest in all countries throughout the world in and to any and all my/our inventions and discoveries disclosed in my/our International Patent Application entitled: CELL-FREE ASSAY FOR PLANT GENE TARGETING AND CONVERSION, filed under the Patent Cooperation Treaty in the United States Receiving Office (RO/US) on August 21, 2000 under Serial No. PCT/US00/22974, and designating Albania (AL), Algeria (DZ), Antigua & Barbuda (AG), Armenia (AM), Australia (AU), Austria (AT), Azerbaijan (AZ), Barbados (BB), Belarus (BY), Belgium (BE), Belize (BZ), Benin (BJ), Bosnia and Herzegovina (BA), Brazil (BR), Bulgaria (BG),

page 1 of 7

Burkina Faso (BF), Cameroon (CM), Canada (CA), Central African Republic (CF), Chad (TD), China (CN), Congo (CG), Costa Rica (CR), Côte d'Ivoire (CI), Croatia (HR), Cuba (CU), Cyprus (CY), Czech Republic (CZ), Democratic People's Republic of Korea (KP), Denmark (DK), Dominica (DM), Estonia (EE), Fihnland (FI), France (FR), Gabon (GA), Gambia (GM), Georgia (GE), Germany (DE), Ghana (GH), Greece (GR), Grenada (GD), Guinea (GN), Guinea Bissau (GW), Hungary (HU), Iceland (IS), India (IN), Indonesia (ID), Ireland (IE), Israel (IL), Italy (IT), Japan (JP), Kazakstan (KZ), Kenya (KE), Kyrgyzstan (KG), Latvia (LV), Lesotho (LS), Liberia (LR), Liechtenstein (LI), Lithuania (LT), Luxembourg (LU), Madagascar (MG), former Yugoslav Republic of Macedonia (MK), Malawi (MW), Mali (ML), Mauritania (MR), Mexico (MX), Monaco (MC), Mongolia (MN), Morocco (MA), Mozambique (MZ), Netherlands (NL), New Zealand (NZ), Niger (NE), Norway (NO), Poland (PL), Portugal (PT), Republic of Korea (KR), Republic of Moldova (MD), Romania (RO), Russian Federation (RU), Saint Lucia (LC), Senegal (SN), Sierra Leone (SL), Singapore (SG), Slovakia (SK), Slovenia (SI), South Africa (ZA), Spain (ES), Sri Lanka (LK), Sudan (SD), Swaziland (SZ), Sweden (SE), Switzerland (CH), Tajikistan (TJ), Tanzania (TZ), Togo (TG), Trinidad and Tobaqo (TT), Turkey (TR), Turkmenistan (TM), Uganda (UG), Ukraine (UA), United Arab Emirates (AE), United Kingdom (GB), United States of America (US), Uzbekistan (UZ), Viet Nam (VN), Yugoslavia (YU), and Zimbabwe (ZW), including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of University of Delaware, its designee, or in my/our names at \_\_\_\_\_, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue on the aforesaid

inventions, discoveries and applications in any country of the world and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the following priority application(s):

<u>60/149,987</u>	<u>United States</u>	<u>August 20, 1999</u>
application no.	country	filing date
_____	_____	_____
application no.	country	filing date

and all rights of priority in any country of the world deriving from the above-identified International Patent Application.

I/We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in any country throughout the world to University of Delaware as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

I/We agree, at any time, upon the request of University of Delaware to execute and to deliver to University of Delaware any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, reissues, renewals and extensions thereof.

I/We further agree, at any time, upon request of University of Delaware to execute and to deliver to University of Delaware such additional documents, if any,

as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect any and all rights of University of Delaware under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

It is my/our intention that this Assignment be effective and all rights transferred herein shall be considered to have vested in University of Delaware on August 21, 2000, the filing date of International Patent Application No. WO 01/14531 A1.

## ASSIGNORS:

(1)

\_\_\_\_\_  
Gregory D. May

(2)

\_\_\_\_\_  
Eric B. Kmiec

(3)

\_\_\_\_\_  
Michael C. Rice

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001,  
Gregory D. May (1) personally appeared before me, a Notary  
Public in and for \_\_\_\_\_, and executed the foregoing Assignment and duly  
acknowledged to me that such Assignment was executed for the  
uses and purposes therein expressed.

\_\_\_\_\_  
Notary Public

On this 28<sup>th</sup> day of June, 2001,  
Eric B. Kmiec (2) personally appeared before me, a Notary  
Public in and for The State of Delaware, and executed the foregoing Assignment and duly  
acknowledged to me that such Assignment was executed for the  
uses and purposes therein expressed.

\_\_\_\_\_  
Notary Publicpage 5 of 7

On this 28<sup>th</sup> day of June, 2001,  
Michael C. Rice (3), personally appeared before me, a Notary  
Public in and for The State of Delaware  
and executed the foregoing Assignment and duly  
acknowledged to me that such Assignment was executed for the  
uses and purposes therein expressed.

Devere A. Shaffer  
Notary Public

page 6 of 7

ASSIGN.4

PAGE 27/29 \* RCVD AT 7/18/2005 3:59:37 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-6/31 \* DNIS:2738300 \* CSID:3029846399 \* DURATION (mm:ss):08:36

## ACKNOWLEDGEMENT OF ASSIGNEE:

University of DelawareBy: T.W. Fraser Russell

On this 5<sup>th</sup> day of July, 2001,  
T.W. Fraser Russell personally appeared before me, a Notary  
Public in and for the State of Delaware, and duly  
acknowledged the executed Assignment on behalf of the  
Assignee.

Theresa A. Shattock

Notary Public

page 7 of 7